

# *Hardware Compatibility Guide*

## *NEXTSTEP Release 3.3 and OPENSTEP for Mach 4.x for SPARC Workstations*

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This document describes in general terms the types of Sun hardware that is supported by NEXTSTEP Release 3.3 and OPENSTEP for Mach 4.x for SPARC Workstations.

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For current device support, please request the latest edition of this NEXTSTEP Hardware Compatibility Guide from NeXTanswers or by calling 1-800-TRY-NeXT (or your local NeXT representative)

### **GENERAL SYSTEM REQUIREMENTS**

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## **CPU**

Sun microSPARC II, SuperSPARC II, and SuperSPARC single processor workstations ( see [\\_http://www.sun.com/\\_](http://www.sun.com/) ) models

SPARCstation 4: 85

SPARCstation 5: 85 & 110

SPARCstation 10: 50, 60, & 90

SPARCstation 20: 50, 51, 61, & 71

## **AVAILABLE HARD DISK SPACE**

*User Environment:* 150 MB minimum, 250 MB recommended for stand-alone systems.

*User + Developer:* Environments: 330 MB minimum, 400 MB recommended.

## **RAM REQUIREMENTS**

RAM requirements vary depending upon the user's selection of graphics adapter. NEXTSTEP Release 3.3 supports a maximum of 256MB of memory.

*24-bit color:* 16 MB RAM Minimum, 32 MB RAM Recommended

*8-bit grayscale/color:* 16 MB RAM Minimum, 24 MB RAM Recommended

## **GRAPHICS ADAPTERS**

8-bit color and grayscale at 1152x900 or 24-bit color at 1152x900 with appropriate video system.

Release 3.3 supports multiple monitors with graphics cards for expanded desktop space.

## **MASS STORAGE**

Floppy disk drive, SCSI hard disk drives, CD-ROM drives, 1/4 inch tape drives, Exabyte tape drives, and DAT tape drives are supported.

## **KEYBOARD & POINTING DEVICES**

Sun keyboard and Sun optical or mechanical mouse.

## ***PRINTERS***

PostScript printers connected via a serial or parallel port. Color PostScript Level II printers are recommended for proper color support.

## ***NETWORKING***

Thick, thin, and twisted pair ethernet on board interfaces are supported. Ethernet transceivers may be necessary for installation at particular sites.

## ***SOUND***

16-bit audio at 22 and 44 khz is supported.

## ***INSTALLATION***

A Sun SCSI CDRom, or a supported network adapter and properly configured network installation host are required for installation of NEXTSTEP.

## **Supported Configurations**

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### ***SPARCstation 4***

*Graphics:* 8 bit grayscale & color @ 1152x900

*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in

*Networking:* On-board ethernet (TP and AUI)

*Bus:* 1 SBus

### ***SPARCstation 5***

*Graphics:* 8 bit grayscale & color @ 1152x900 with GX, Turbo GX, & Turbo GX+; 24 bit color @ 1152x900 with S24 on AFX bus

*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in

*Networking:* On-board ethernet (TP)

*Bus:* 3 SBus & 1 AFX Connector for Video card

***SPARCstation 10***

*Graphics:* 8 bit grayscale & color @ 1152x900 with Turbo GX and Turbo GX+; 24 bit color @ 1152x900 with SX

*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in and sound box

*Networking:* On-board ethernet (TP)

*Bus:* 4 SBus

***SPARCstation 20***

*Graphics:* 8 bit grayscale & color @ 1152x900 with Turbo GX and Turbo GX+; 24 bit color @ 1152x900 with SX

*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in

*Networking:* On-board ethernet (TP)

*Bus:* 4 Sbus

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